



OFW ✓

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BROWN ET AL.)
Serial No.: 10/761,537) Attorneys' Ref. P214419
Filing Date: 1/21/2004) Art Unit: 2125
Title: MOTION CONTROL SYSTEMS)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Supplemental Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent.

Citation of a reference in this Information Disclosure Statement is not an admission that the reference is prior art to the present invention.

A check for the \$180 IDS filing fee is enclosed. It is believed that no other fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

REMARKS

I. U.S. PATENTS

U.S. Patent No. 5,485,545 to Kojima et al. discloses a control method for controlling an object using a neuro controller. The neuro controller comprises a neural network. In a pre-learning phase, input-output relations of the neuro controller are made to match those of the control unit. In a relearning phase, the output of a neuro control-object simulator are made to match the input of the neuro controller. The nuero controller controls the object.

II. FOREIGN PATENTS

NO NEW FOREIGN PATENT REFERENCES.

05/22/2007 SSITHIB1 00000036 10761537

01 FC:1806

180.00 0P

III. NON-PATENT LITERATURE REFERENCES

The non-patent literature references listed on the attached Form PTO/SB/08B were disclosed by the Applicant and/or introduced by the Examiner during the prosecution of parent application Serial No. 10/316,451. Therefore, copies of these references are not enclosed herewith, but can be provided at the Examiner's request.

CONCLUSION

Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington, this 18th day of May, 2007.

Respectfully submitted,

BROWN ET AL.

By Michael R. Schacht
Michael R. Schacht, Reg. No. 33,550
Schacht Law Office, Inc.
2801 Meridian Street, Suite 202
Bellingham, WA 98225-2400
Tel: (360) 647-0400
Fax: (360) 647-0412

CERTIFICATE OF MAILING 37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22316-1450, on the date shown below.

Signature: Robin Fry

Print Name: Robin Fry

Date: May 18, 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

(use as many sheets as necessary)

Sheet 1

of

MAY 22 2001

Complete If Known

Application Number	10/761.537
--------------------	------------

Filing Date	1/21/2004
-------------	-----------

First Named Inventor	David W. Brown
----------------------	----------------

Group Art Unit	2125
----------------	------

Examiner Name	Cabrera, Z. E.
---------------	----------------

Attorney Docket Number P214419

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1Unique citation designation number2See attached Kinds of U.S. Patent Documents3Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box --> ☐

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/761,537
		Filing Date	1/21/2004
		First Named Inventor	David W. Brown
		Group Art Unit	2125
		Examiner Name	Cabrera, Z. E.
Sheet 1	of 1	Attorney Docket Number	P214419

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in all CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	BLOOM, H.; "Software and Computer Integrated Manufacturing", 1990, pp 1-14	
	2	SENEHI, M. , WALLACE, S. , BARKMEYER, E. , RAY, S. , WALLACE, E.; "Control Entity Interface Document", 6/1/1991, pp 1-38	
	3	WALLACE, S. , SENEHI, M. , BARKMEYER, E. , RAY, S. , WALLACE, E.; "Control Entity Interface Specification", 9/1/1993, pp 10-20.	
	4	SENEHI, M. , KRAMER, T. , MICHALOSKI, J. , QUINTERO, R. , RAY, S. , RIPPEY, W. , WALLACE, S.; "Reference Architecture for Machine Control Systems Integration: Interim Report", 10/20/1994, pp 1-52.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1Unique citation designation number2Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.